

Bottled Water Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
312112, Bottled water manufacturing 2002..	201	250	6 709	213 079	3 132	6 311	82 240	977 014	701 709	1 679 537	120 108
2001..	N	N	6 298	179 652	2 827	5 188	74 748	797 174	546 172	1 341 894	267 698
2000..	N	N	6 677	188 154	3 043	5 479	78 952	857 086	589 446	1 449 388	258 794
1999..	N	N	5 783	161 758	2 759	4 793	74 846	793 488	600 952	1 386 232	196 972
1998..	N	N	4 719	144 103	1 945	4 143	62 753	448 613	447 170	891 509	56 330
1997..	109	151	4 661	132 426	1 961	3 714	57 471	412 997	373 757	785 869	47 508

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312112, Bottled water manufacturing												
United States	4	250	76	6 709	213 079	3 132	6 311	82 240	977 014	701 709	1 679 537	'120 108
California	2	32	15	1 256	40 473	641	1 489	16 929	226 576	139 022	368 805	'37 020
Georgia	—	9	3	332	10 101	158	316	4 578	58 154	31 163	89 501	'2 778
Illinois	—	8	5	330	9 378	79	198	1 852	36 521	14 169	52 874	'4 666
Massachusetts	9	3	2	185	8 131	64	141	2 384	29 036	14 748	43 172	D
New York	2	13	4	278	8 612	174	325	3 759	35 767	26 984	62 992	'3 624
Pennsylvania	9	17	6	493	14 714	198	367	5 194	87 672	68 811	156 294	'7 247
Texas	2	18	5	501	17 574	153	368	5 689	57 251	41 136	97 221	'6 550

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
312112, Bottled water manufacturing	
Companies ¹	number.. 201
All establishments ²	number.. 250
Establishments with 1 to 19 employees	number.. 174
Establishments with 20 to 99 employees	number.. 60
Establishments with 100 employees or more	number.. 16
All employees ³	number.. 6 709
Total compensation	\$1,000.. 265 683
Annual payroll	\$1,000.. 213 079
Total fringe benefits	\$1,000.. 52 604
Production workers, average for year	number.. 3 132
Production workers on March 12	number.. 3 007
Production workers on May 12	number.. 3 143
Production workers on August 12	number.. 3 264
Production workers on November 12	number.. 3 102
Production worker hours	1,000.. 6 311
Production worker wages	\$1,000.. 82 240
Total cost of materials	\$1,000.. 701 709
Materials, parts, containers, packaging, etc., used	\$1,000.. 636 212
Resales	\$1,000.. 32 702
Purchased fuels	\$1,000.. 1 521
Purchased electricity	\$1,000.. 30 306
Contract work	\$1,000.. 968
Quantity of electricity purchased for heat and power	1,000 kWh.. 447 740
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 1 679 537
Primary products value of shipments	\$1,000.. 1 467 689
Secondary products value of shipments	\$1,000.. 153 722
Total miscellaneous receipts	\$1,000.. 58 126
Value of resales	\$1,000.. 46 912
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 2 429 251
Value of primary products shipments made in this industry	\$1,000.. 1 467 689
Value of primary products shipments made in other industries	\$1,000.. 961 562
Coverage ratio	percent.. 60
Value added	\$1,000.. 977 014
Total inventories, beginning of year	\$1,000.. 79 007
Finished goods inventories	\$1,000.. 44 344
Work-in-process inventories	\$1,000.. 1 791
Materials and supplies inventories	\$1,000.. 32 872
Total inventories, end of year	\$1,000.. 94 665
Finished goods inventories	\$1,000.. 43 843
Work-in-process inventories	\$1,000.. 1 478
Materials and supplies inventories	\$1,000.. 49 344
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '1 045 961
Total capital expenditures (new and used)	\$1,000.. '120 108
Buildings and other structures (new and used)	\$1,000.. '7 895
Machinery and equipment (new and used)	\$1,000.. '112 213
Automobiles, trucks, etc., for highway use	\$1,000.. '5 667
Computers and peripheral data processing equipment	\$1,000.. '5 210
All other expenditures for machinery and equipment	\$1,000.. '101 336
Total retirements	\$1,000.. '33 669
Gross value of depreciable assets at end of year	\$1,000.. '1 132 400
Depreciation charges during year	\$1,000.. '113 922
Total rental payments	\$1,000.. 36 341
Buildings and other structures	\$1,000.. 27 219
Machinery and equipment	\$1,000.. 9 122
Total other expenses ⁴	\$1,000.. 253 976
Response coverage ratio ⁵	percent.. 92
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 26 771
Communications services ⁴	\$1,000.. 4 971
Legal services ⁴	\$1,000.. 5 039
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 387
Advertising and promotional services ⁴	\$1,000.. 29 397
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 667
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 930
Management consulting and administrative services ⁴	\$1,000.. 1 923
Taxes and license fees ⁴	\$1,000.. 6 377
All other expenses ⁴	\$1,000.. 173 514

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312112, Bottled water manufacturing											
All establishments	4	250	6 709	213 079	3 132	6 311	82 240	977 014	701 709	1 679 537	'120 108
Establishments with—											
1 to 4 employees	8	115	a	D	D	D	D	D	D	D	'1 446
5 to 9 employees	5	28	a	D	D	D	D	D	D	D	D
10 to 19 employees	3	31	a	D	D	D	D	D	D	D	'2 872
20 to 49 employees	3	37	1 217	36 737	587	1 303	13 220	140 346	102 733	243 886	'23 818
50 to 99 employees	2	23	1 724	56 499	944	2 037	25 451	292 310	162 519	457 039	'28 404
100 to 249 employees	4	13	1 997	59 458	629	1 229	18 238	277 367	186 355	467 046	'30 279
250 to 499 employees	9	3	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	112	309	9 533	167	302	3 568	33 078	26 877	59 959	'2 471

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
312112	Bottled water manufacturing	250	6 709	213 079	3 132	6 311	82 240	977 014	701 709	1 679 537	'120 108
3121120	Bottled water manufacturing	250	6 709	213 079	3 132	6 311	82 240	977 014	701 709	1 679 537	'120 108

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312112	Bottled water manufacturing	2002.. N	X	X	2 429 251
	1997.. N		X	X	836 529
3121120	Bottled water manufacturing	2002.. N	X	X	2 429 251
	1997.. N		X	X	836 529
31211201	Bottled water	2002.. N	X	X	2 255 592
	1997.. N		X	X	781 063
3121120100	Bottled water (noncarbonated), processed or pasteurized, except artificially carbonated and sterile..... mil gal.	2002.. 117	X	S	2 255 592
	1997.. 101		X	P486.9	781 063
3121120Y	Bottled water manufacturing, nsk, total	2002.. N	X	X	173 659
	1997.. N		X	X	55 466
3121120YWW	Bottled water manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	115 165
	1997.. N		X	X	144
3121120YWY	Bottled water manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	58 494
	1997.. N		X	X	55 322

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
312112	Bottled water manufacturing		
00900001	Total materials .....2002..	X	636 212
	.....1997..	X	348 110
00190050	Plastics wrappings, trays, carriers, etc. (including preforms) .....2002..	X	D
	.....1997..	X	2 293
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	37 402
	.....1997..	X	16 934
32610027	Plastics bottles and cans .....2002..	X	76 952
	.....1997..	X	53 260
32721309	Glass containers, refillable, with or without paperboard wrapping .....2002..	X	D
	.....1997..	X	D
32721311	Glass containers, nonrefillable, with or without paperboard wrapping or plastics shielding .....2002..	X	D
	.....1997..	X	D
33243101	Metal cans, lids, and ends .....2002..	X	D
	.....1997..	N	N
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	61 375
	.....1997..	X	49 910
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	380 231
	.....1997..	X	222 697

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.